




Work Order ID 73751


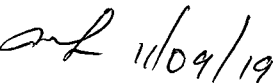

Wednesday, September 14, 2011 2:36:32 PM




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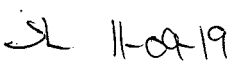
Item ID: D2579 Accept  Setup Start 
Revision ID: Stop 
Item Name: Crossbolt Spacer
Start Date: 9/14/2011 Start Qty: 200.00  Cust Item ID:
Required Date: 9/16/2011 Req'd Qty: 200.00  Customer:
Reference:

Approvals: Process Plan:  Date: Tooling: Date: Run Start 
QC: Date: SPC (Y/N): Date: Stop 

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D2579 | Rev E | | | | | | | | |

100  Hardinge CNC LATHE SMALL 0.00
Hardinge Memo 0.00  11/09/19 227 
Hardinge CNC Lathe Small Machine as per Folio FA245

110  QC2- Inspect parts off machine FAI/FAIB 0.00
QC Memo 0.00  11/09/19 227 
Quality Control

120  QC8- Inspect parts - second check 0.00
QC Memo 0.00  11-09-19
Quality Control

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 73751



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Item ID: D2579

Accept



Setup Start



Revision ID:

Stop



Item Name: Crossbolt Spacer

Start Date: 9/14/2011 Start Qty: 200.00



Cust Item ID:

Required Date: 9/16/2011 Req'd Qty: 200.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 125 Skidtubes | | 0.00 | | | | | | | |
| Skidtubes | Memo 1- clean crossbolt spacer with ultra bright aluminum cleaner before storing. | 0.00 | | | | | | | |
| 130 Packaging | Identify as per dwg & Stock Location: <u>L4</u> | 0.00 | | | | | | | |
| Packaging | Memo ***STOCK IN SKIDTUBE CELL*** | 0.00 | | | | | | | |
| 140 QC | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| Quality Control | Memo | 0.00 | | | | | | | |

TW

11-9-19

11/9/19

227

11/9/27

ME

11-09-23

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Picklist Print

Wednesday, September 14, 2011 2:36:29 PM

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Work Order ID: 73751



Parent Item: D2579



Parent Item Name: Crossbolt Spacer

Start Date: 9/14/2011

Required Date: 9/16/2011

Start Qty: 200.00

Required Qty: 200.00

Comments:

IPP ☐ E ☐ 02.06.17 ☐ Now turned on Cobra ☐ NG ☐

IPP F 07.07.06 rev E dwg EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M6061T6T0.500W.058 | | Purchased | No | | | 100 | f | 158.2000 | 0.3583 | 75.43158 | | | |



6061-T6 RD Tube .500 x.058W

Location

Loc Qty

Loc Code

MAT014

158.2

117084

38.2

118702

120

85.4

ml 11/09/19

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

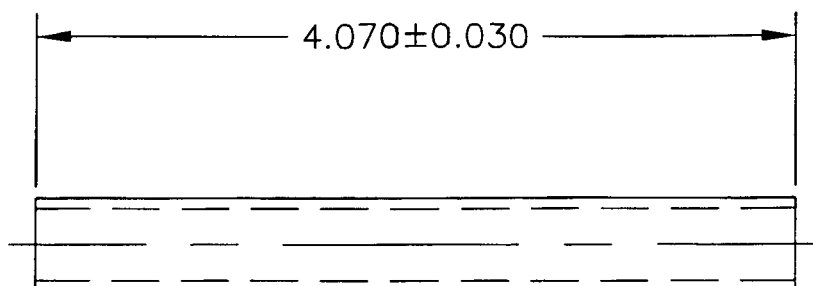
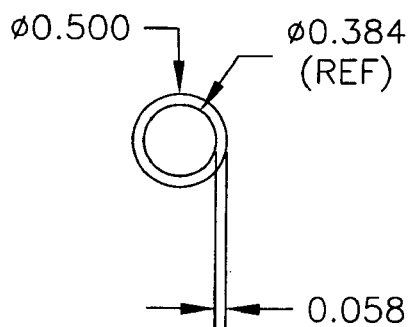
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
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NOTE: Date & initial all entries



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|---------|----------|----------|---|---|--|
| DESIGN | | DRAWN BY | | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | APPROVED | | DRAWING NO. REV. E D2579 SHEET 1 OF 1 | |
| DATE | | | TITLE SCALE 07.04.17 CROSS BOLT SPACER 1:1 | | |
| A | 96.09.16 | | NEW ISSUE | | |
| B | 96.12.05 | | 0.065 WALL WAS 0.035 WALL | | |
| C | 97.02.21 | | 0.058 WALL WAS 0.065 WALL | | |
| D | 99.05.19 | | 4.070 LENGTH WAS 4.100 (TSR A1095) | | |
| E | 07.04.17 | | UPDATE NOTES | | |

RELEASED
07.06.28



D2579 CROSS BOLT SPACER

W/073751

D2579 CROSS BOLT SPACER

- 1) MATERIAL: 6061-T6 TUBING PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8
(REF DART SPEC M6061T6T0500W058)
- 2) FINISH: NONE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

| W/O: | | WORK ORDER CHANGES | | | | | |
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NOTE: Date & initial all entries